

Darndale Housing Development, Darndale, Co. Dublin.

Landscape Strategy

July 2026

www.jbaconsulting.ie

Prepared for:

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Revision History

Revision Ref/Date	Amendments	Issued to
S4 P01-17/04/2026	Landscape Strategy	Paul Keogh Architects
S4 P02-16/07/2026	Landscape Strategy	Paul Keogh Architects

Contract

This report describes work commissioned by Darndale Housing Development, on behalf of Paul Keogh Architects. Darndale Housing Development representative for the contract was Paul Keogh Architects. James Whelan and Marina Garcia of JBA Consulting carried out this work.

Prepared by Marina Garcia
Landscape Architect Intern

Reviewed by James Whelan
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Purpose

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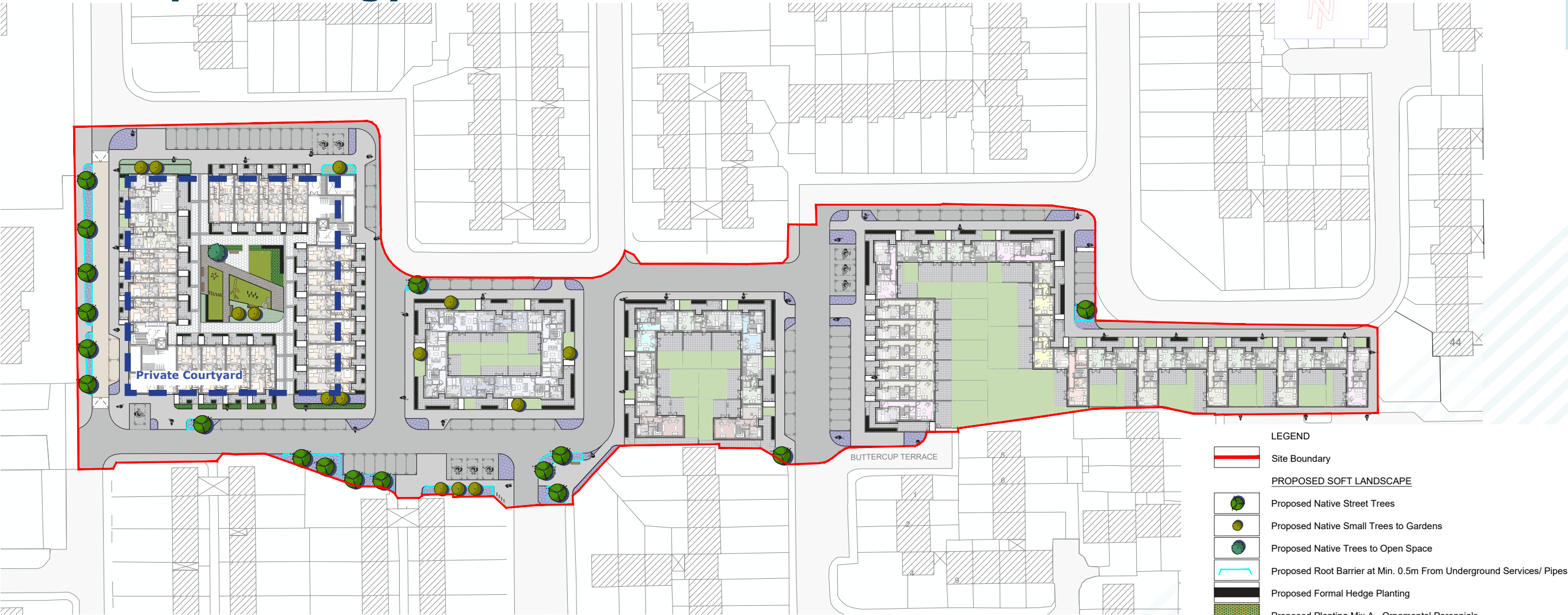
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Landscape Strategy Plan



Design Intent

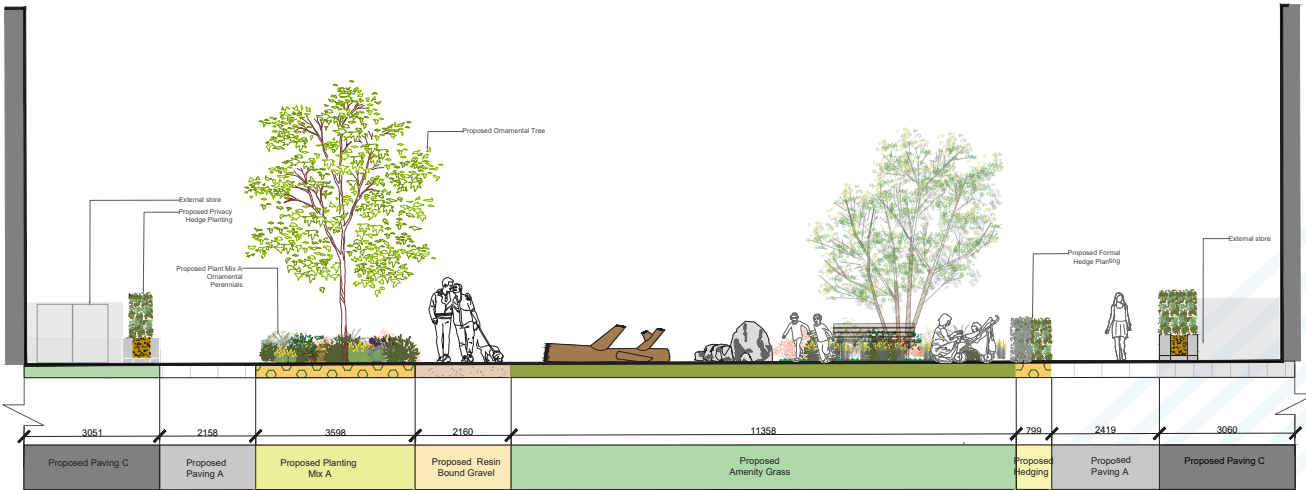
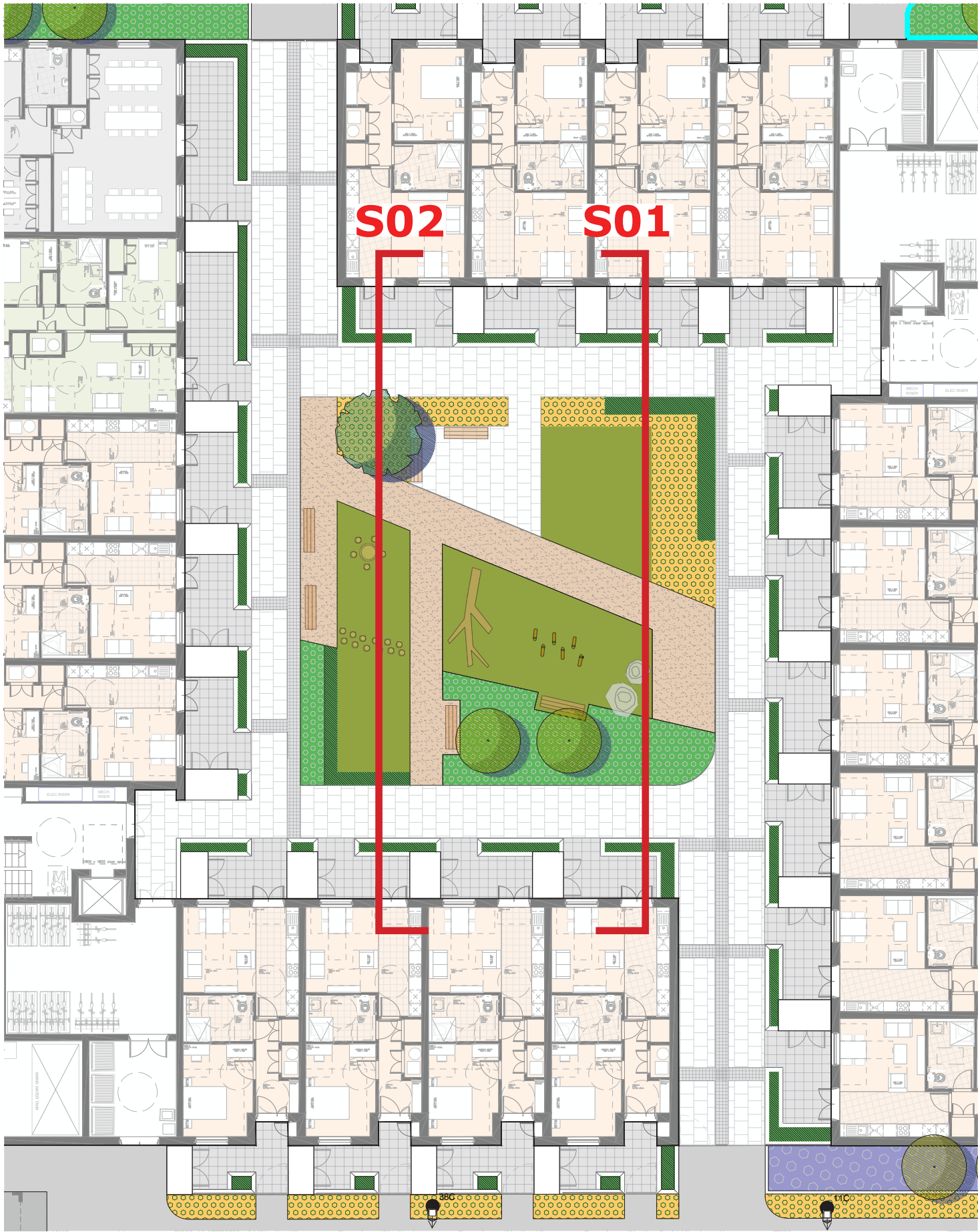
The landscape scheme will utilise street verges to introduce landscaped zones featuring suitable tree species and wet-soil-tolerant shrub planting, in coordination with the rainwater management strategy. Unit frontages will accommodate areas of private amenity lawn, complemented by small ornamental trees that help soften building elevations.

A private courtyard of 337sqm of usable amenity space is proposed for residents of the apartment block, incorporating private patio areas that are screened from communal spaces through raised planters with privacy hedging. The central courtyard will function as a shared amenity space, integrating lawn areas, shade-tolerant shrubs, ornamental perennials and tree planting. Benches will be positioned backing onto planted beds to provide enhanced privacy and separation from adjacent units.

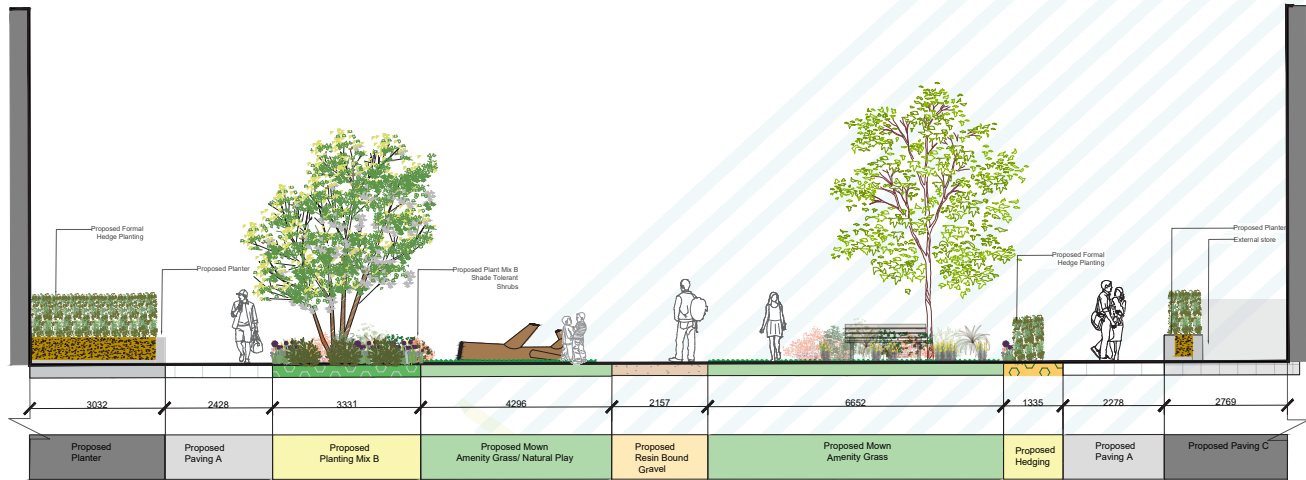
Porous resin-bound gravel and permeable paving will be used in alignment with the SUDs strategy and selected for their high-quality visual characteristics. Overall, the space is designed to comfortably accommodate multiple resident groups while avoiding intrusion on private patios or ground-floor unit areas. All public open spaces and communal areas are designed to be universally accessible year-round and fully compliant with Part M.

LEGEND	
	Site Boundary
PROPOSED SOFT LANDSCAPE	
	Proposed Native Street Trees
	Proposed Native Small Trees to Gardens
	Proposed Native Trees to Open Space
	Proposed Root Barrier at Min. 0.5m From Underground Services/ Pipes
	Proposed Formal Hedge Planting
	Proposed Planting Mix A - Ornamental Perennials
	Proposed Planting Mix B - Shade-Tolerant Shrubs
	Proposed Planting Mix C- Wetland species for Rain Water Management
	Proposed Mown Amenity Grass Planting
	Proposed Private Garden Lawns
HARD LANDSCAPE	
	Proposed Brushed Concrete Footpath - to Engineer's specification
	Proposed Resin Bound Gravel Surface
	Proposed Paving A - Concrete Flagstone Paving to Courtyard
	Proposed Paving B - Charcoal Setts to Courtyard
	Proposed Paving C - Concrete Pavers to Patios
	Proposed Tarmacadam with Pigmented Chippings to Homezones and Link Road - to Engineer's specification
FURNITURE	
	Proposed Bench Seating - Chaumont Bench RBA8 by PROLUDIC
	Proposed Natural Play - NRO806 Stilts by KOMPAN
	Proposed Natural Play - Salvaged Natural Stone Boulders
	Proposed Natural Play - Tree Climbing Frame
	Proposed Natural Play - Log Stepping Pads and Table
	Proposed Natural Play - NRO212 Kids Table by KOMPAN
LIGHTING - see SMK-ZZ-DR-ME-60021	
	DENOTES 6 METRE COLUMN MOUNTED PUBLIC LIGHTING LUMINAIRE - 7m clearance from street trees

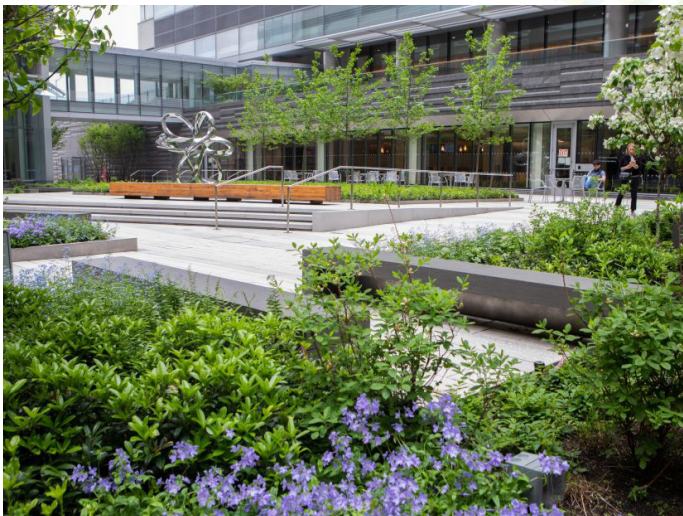
Private Courtyard



S01 SCALE: 1:50 @ A1



S02 SCALE: 1:50 @ A1

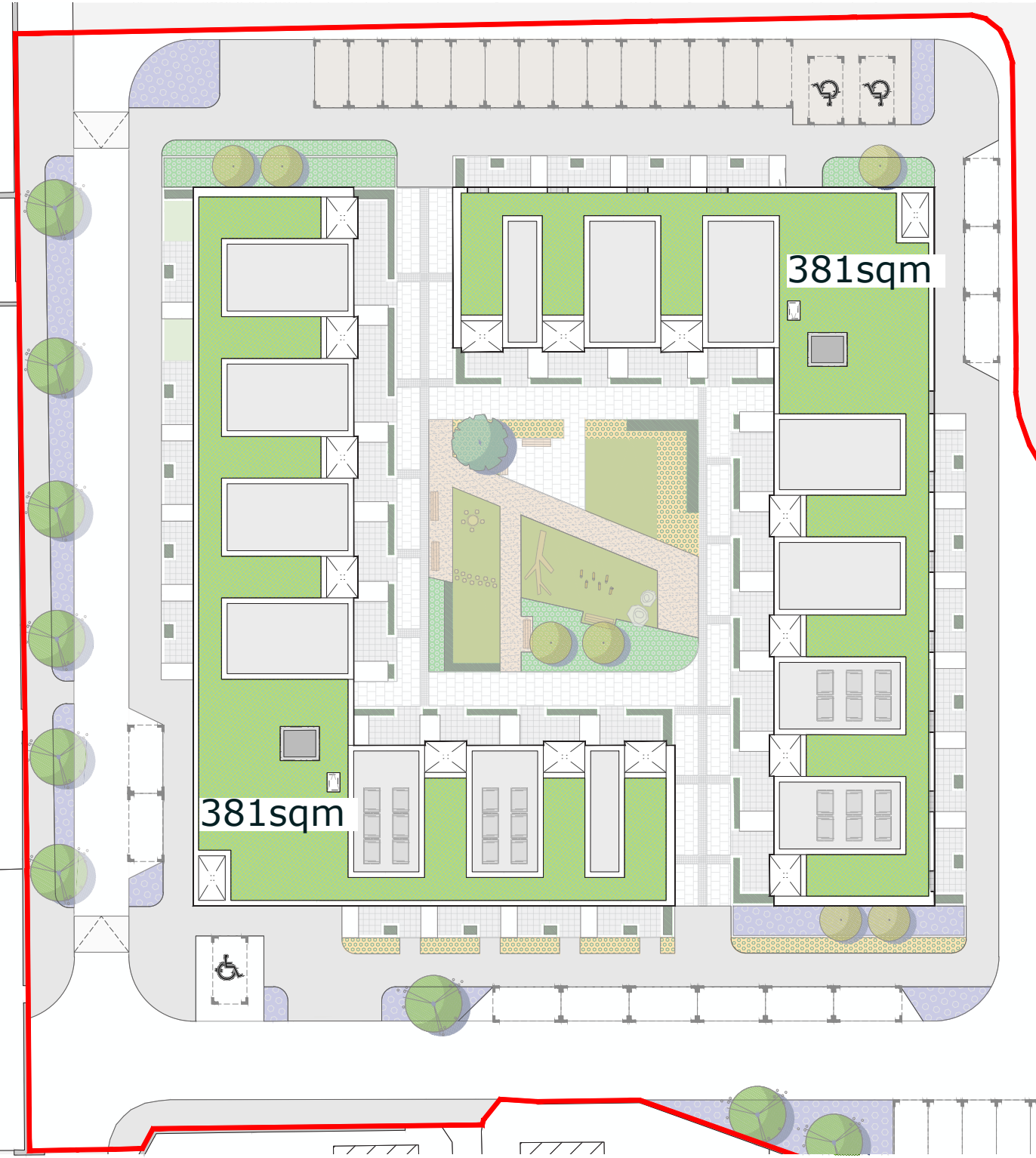


Breakout Area



Perennial Planting

Roof Level Plan



Design Intent

A biodiverse green roof system is proposed to both apartment blocks, combining a low-maintenance sedum blanket with areas of native wildflower and grass planting to enhance visual interest, ecological value and seasonal variation.

The green roof will be established over a variable-depth growing medium ranging from 25mm to 100mm, with the shallower substrate areas supporting drought-tolerant sedum species and the deeper zones accommodating a more diverse wildflower and grassland mix. Wildflower and grass planting will be concentrated within the 100mm substrate depth areas to provide sufficient rooting volume, promote long-term establishment and maximise biodiversity benefits.

This varied substrate profile will create a mosaic of habitats across the roof, contributing to urban greening, pollinator support and sustainable rainwater management.

Proposed Green Roof							
Sedum Blanket (to <100mm depth substrate areas)	Product	Sowing Rate (g/m ²)	% in mix	Total Area (sq.m)	Total No. (kg)	Comments	Management
	Extensive Type Green Roof Sedum Blanket by Moy Materials Includes: Sedum acre, Sedum lydium, glaucum, Sedum album 'Coral Carpet', Sedum sexangulare	3	100	400	1.2	For the first twelve weeks simply water and weed. Watering in the first week is crucially important. If the sedum blanket is rolled out in very dry conditions it must be watered every other day during the first week. A quick establishment is very important for the plants to cope with the harsh conditions on a roof.	Follow establishment and maintenance requirements as specified by provider. Indicatively: Slow release granular fertilizer can be applied in April at a rate of 10 grams per square metre. A handheld broadcaster is ideal for larger roofs and can be purchased in any hardware. Flowers can be cut and removed in August then slow release granular fertilizer applied again in October at 10 grams per square metre. Inspect the roof at least twice yearly, in spring and Autumn, and inspect all the roofs after severe storm. Make frequent inspections on buildings. Clean roof drain and debris. Remove leaves, twigs, cans, and all that could plug roof drains. Notify the roofing contractor immediately if roof leak occurs.
Wild Flower Meadow (to 100mm depth substrate areas)		Sowing Rate (g/m ²)		Area m ²	total No.(kg)	Comments	Establishment Maintenance Period 18 months Management year 1.5 - 5
	Wild Flora for Dry Limy Soil (alkaline, pH >7) - supplier Wildflowers.ie MM09	3		400	1.20	Wildflower seed mix to be sown on subsoil, (low fertility) If sown on green waste compost, this can dry out quickly in hot weather. Do not allow this to happen during the first year of the establishment as slowly establishing species will not be successful. Cut at 5-10 cm once a full ground cover has been formed and the average sward height is more than 20cm.	Sown on infertile soil in spring/ early summer as soon as there are no expected frosts on moist but not waterlogged soil. In year 1, when it reaches an average height of 25-30cm, cut to a height of 5cm. Remove all arisings during establishment and as required (indicatively once every 2 years) during maintenance. Cut in August/September remove all grass cuttings off site. Try referring to all the cut plant matter from grass or meadow as arisings

LEGEND



Site Boundary

PROPOSED SOFT LANDSCAPE



Proposed Green Roof Planting - Refer to Planting Schedule

Hardscape and Furniture



Brushed Concrete Footpath



Resin Bound Gravel Surface



**Concrete Flagstone Paving to
Courtyard**



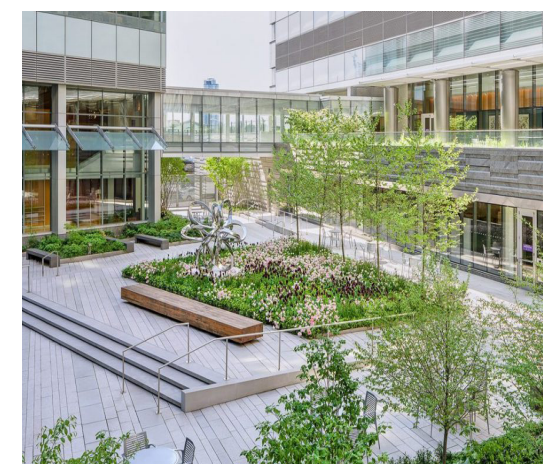
Charcoal Setts to Courtyard



**Tarmacadam with Pigmented
Chippings to Homezones and Link
Road**



**Bench Seating-HC2026S supplied
by : <https://www.hartecast.com/all-products/seats-and-benches/timber-composite-range/hc2026s-seat/>**



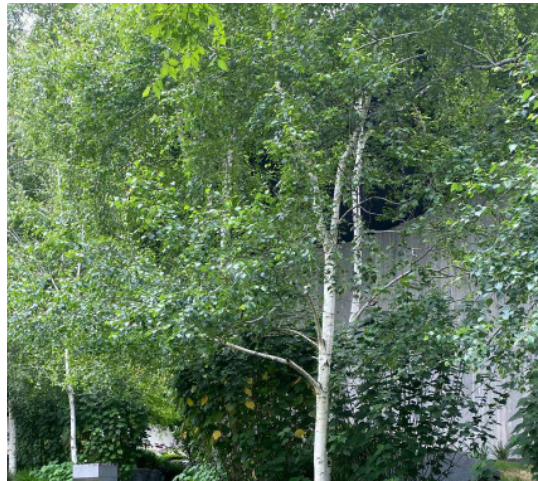
Breakout Seating



Concrete Pavers to Patios

Planting Selection

TREE PLANTING
(STREET AND OPEN SPACE)



Betula pendula



Tilia Cordata 'Green Spire'



Malus Sylvestris

PROPOSED FORMAL HEDGE
PLANTING

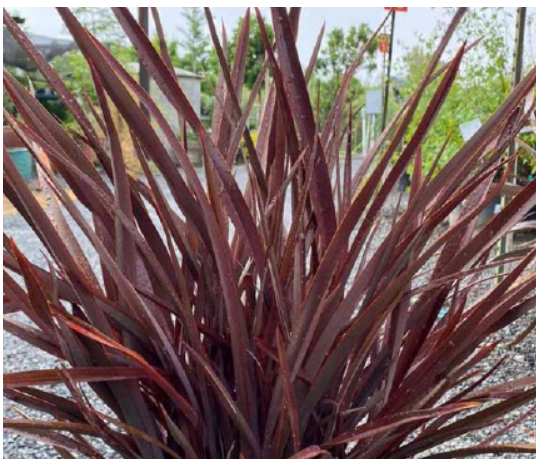


Prunus lusitanica 'Angustifolia'

PROPOSED MIX A
ORNAMENTAL PERENNIALS



Perovskia 'Blue Spire'



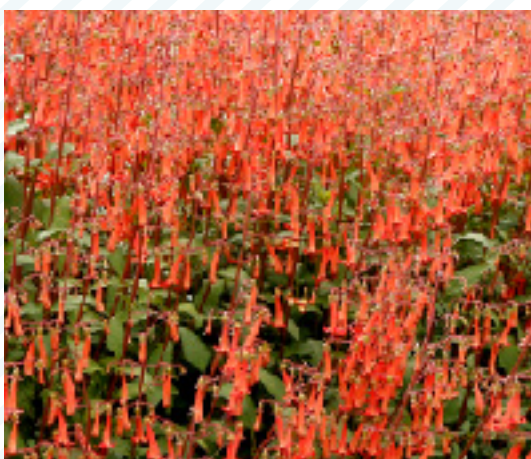
Phormium 'Bronze Baby'



Kniphophia rooperi



Stipa tenuissima 'Pony Tails'



Phygelius 'Funfare Orange'

PROPOSED MIX B
SHADE-TOLERANT SHRUBS



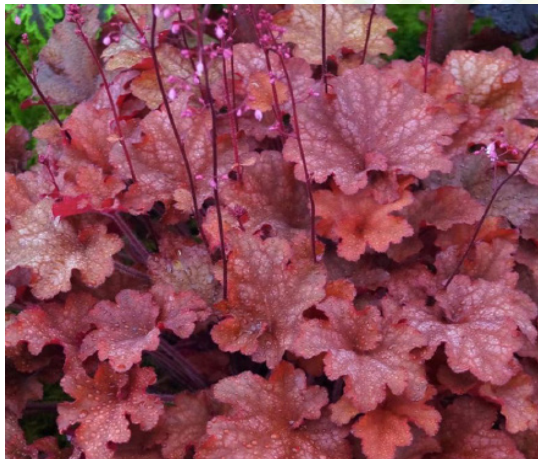
Viburnum tinus 'Eve Price'



Sarcococca hookeriana var. *humilis*



Liriope muscari



Heuchera 'Coral Berry'



Rodgersia 'Bronze Peacock'